

TIME DIFFERENCES FOR SECONDARY LOCATIONS

(* Indicates secondary ocean location)

Secondary locations have been grouped according to river basins or ocean locations listed from north to south down the New South Wales coastline – from the Tweed River Basin to the Far South Coast Region.

Add or subtract the appropriate hours and/or minutes listed here to adjust for the time difference between when high or low tide occurs at Middle Head, Sydney Harbour, and when the corresponding tide will occur at the secondary location. Lows will be fractionally later than the highs because the falling water levels will no longer have the tidal force behind them.

LOCATION	HOUR:MIN
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TWEED RIVER BASIN

Tweed Heads, River Entrance	+0:04*
Greenbank Island	+0:40
Cave Point	+0:50
Barneys Point	+1:25
Tumbulgum	+2:35
Murwillumbah	+2:40
Caddys Island, Terranora Creek	+1:40
Cobaki Broadwater	+2:10
Birds Bay, Terranora Broadwater	+2:20
Kynnumboon, Rous Creek	+3:15
Kingscliff, Cudgen Creek Mouth	+0:17

BRUNSWICK RIVER BASIN

Brunswick Heads, River Entrance.....	+0:06*
Billinudgel, Marshalls Creek.....	+3:55
Mullumbimby.....	+1:10

RICHMOND RIVER BASIN

Ballina, River Entrance	+0:07*
Byrnes Point Ferry	+0:30
Woodburn.....	+2:30
Highway Bridge, Tucombil Creek	+2:30
Floodgate, Evans River	+2:25
Coraki.....	+4:05
Lismore Airfield S'th, Wilsons River.....	+5:10
Woodlawn College, Wilsons River	+6:05
Tuncester, Leycester Creek	+6:05

CLARENCE RIVER BASIN

Yamba, River Entrance	0:00*
Palmers island, Palmers channel	+2:40
Maclean	+2:00
Brushgrove	+3:45
Grafton	+4:15
Wooli River Entrance	+0:12
Wooli Caravan Park	+1:40

COFFS HARBOUR REGION

Harbour Jetty	-0:07*
Highway Bridge, Coffs Creek	+1:50
Newports Creek Junction	+1:50
Boambee, Boambee Creek	+1:50

BELLINGEN RIVER BASIN

Repton Railway Bridge	+1:30
East Bellingen	+2:10
Urunga Bridge, Kalang River	+1:45
West Newry Island, Kalang River	+2:05

NAMBUCCA RIVER BASIN

Stuarts Island	+1:10
Macksville	+2:00
Utungun, Taylors Arm	+2:40

MACLEAY RIVER BASIN

South West Rocks (Kemps Corner)	+0:23
Smithtown	+2:10
Kempsey	+3:25
West Euroka	+4:05

HASTINGS RIVER BASIN

Port Macquarie, River Entrance	+0:19*
Settlement Point	+0:50
Dennis Bridge	+1:25
Wauchope Railway Bridge	+1:55

Telegraph Point, Wilson River.....+3:05
Greenvalley, Maria River.....+3:45

CAMDEN HAVEN BASIN

North Haven.....+0:18
Laurieton.....+0:45
West Haven, Stingray Creek.....+1:00

MANNING RIVER BASIN

Crowdy Head, Harbour Marina..... -0:02
Harrington.....+0:11
Croki.....+2:05
Taree.....+2:25
Wingham.....+3:45
Farquhar Inlet, South Channel.....+1:50

WALLIS LAKE

Forster, Harbour Entrance.....+0:01*
Wallamba Island, North Tuncurry.....+2:05
Tiona.....+3:25

HUNTER RIVER BASIN

Tomaree, Port Stephens.....+0:05*
Nelson Bay, Port Stephens.....+0:30
Stockton Bridge.....+0:20
Tea Gardens, Port Stephens.....+1:30
Hexham Bridge.....+1:10
Raymond Terrace, Williams River.....+1:55
Green Rocks.....+2:20
Hinton Bridge, Paterson River.....+3:25
Morpeth.....+3:30
McKimms Corner.....+3:40
Dunmore, Paterson River.....+3:55
Maitland, Wallis Creek Junction.....+4:10
Maitland, Belmore Bridge.....+4:50
Paterson, Paterson River.....+4:30
Swansea, Lake Mouth..... 0:00*

BRISBANE WATERS/BROKEN BAY

Ettalong	+0:40
Woy Woy Bridge	+2:15
East Gosford.....	+2:20
Patonga.....	+0:10
Little Patonga (Juno Point).....	+0:09
Newport Wharf, Pittwater	+0:08
Berowra Waters Ferry	+1:00

HAWKESBURY RIVER

Gentlemans Halt	+1:00
Spencer	+1:10
Gunderman.....	+1:45
Wisemans Ferry	+2:25
Lower Portland.....	+3:10
Sackville.....	+3:55
Ebenezer	+4:50
Windsor.....	+5:40
Freemans Reach	+7:30

SYDNEY HARBOUR

Roseville Bridge Marina	+0:03
Gladesville Bridge.....	+0:05
Ryde Railway Bridge	+0:12
Silverwater Bbridge	+0:14
Homebush Bay	+0:23

GEORGES RIVER BASIN

Canterbury Bridge, Cooks River	+0:40
Picnic Point	+1:10
Milperra.....	+2:15
Lansdowne Bridge, Prospect Creek	+2:25
Lansvale	+2:35
Irelands Bridge, Cabramatta Creek	+2:35
Warwick Farm.....	+2:45
Cabbage Tree Point, Port Hacking	+0:03*

LAKE ILLAWARRA BASIN

Port Kembla-0:01*

SHOALHAVEN RIVER BASIN

South Shoalhaven Heads+0:55

Shoalhaven Heads Inlet+1:05

Nowra Bridge+2:00

Crookhaven River Entrance+0:16

Greenwell Point, Crookhaven River+0:40

JERVIS BAY

Huskisson+0:08*

Captains Point+0:01

ST GEORGES BASIN

Lumeah+0:18

Sussex Inlet Coastal Patrol Jetty+0:35

Talofa Caravan Park+1:15

Island Point+3:40

Lake Conjola Entrance+1:35

Narrawallee Inlet+0:45

Burril Lake, Highway Bridge+0:55

BATEMANS BAY

Snapper Island+0:03*

Princes Highway Bridge+0:20

Nelligen, Clyde River+0:45

MORUYA REGION

Tuross River, West Tuross Head+1:40

Moruya Quarry Wharf+0:35

Moruya Hospital+0:55

WAGONGA INLET (NAROOMA)

MSB Boatshed/Jetty	+0:15
Narooma Old Municipal Wharf	+0:40
Apex Park Boat Ramp.....	+0:55
Princes Highway Bridge.....	+1:15
Barlows Bay.....	+2:00

FAR SOUTH COAST REGION

Bermagui, Boat Harbour	+0:08*
Wallaga Lake Entrance	+1:40
Wallaga Lake, Regatta Point.....	+2:50
Merimbula Wharf.....	+0:40
Bonnie Doon, Merimbula Lake.....	+2:40
Tee Tree Point, Pambula Lake	+1:10
Eden, Fishing Co-operative Jetty	+0:08*